

Amendments to the Claims

1. (currently amended) A method for converting a public switched telephone network call to a data network call, the method comprising:

receiving the public switched telephone network call from an origination phone at a destination phone;

identifying a caller identifier for the public switched telephone network call at the destination phone;

rejecting the public switched transmission call prior to the public switched transmission call being completed by transmitting a signal to the origination phone;

placing a call to a network service provider from the destination phone;

determining a network address for the origination phone; and

completing a network call with the origination phone.

2. (previously presented) The method of claim 1 wherein the destination phone is a personal computer.

3. (original) The method of claim 1 wherein the destination phone is a customized telephone.

4. (original) The method of claim 1 wherein the call to the network service provider is made via PSTN.

5. (original) The method of claim 1 wherein the call to the network service provider is made via a local area network.

6. (currently amended) A method for converting a public switched telephone network call to a data network call, the method comprising:

placing a public switched telephone network call from an origination phone to a destination phone;

detecting a rejected call from the destination phone at the origination phone prior to call completion by detecting a rejection signal from the origination phone;

placing a call to a network service provider from the destination phone;
determining a network address for the destination phone; and
completing a network call with the destination phone.

7. (original) The method of claim 6 wherein the origination phone is a personal computer.
8. (original) The method of claim 6 wherein the origination phone is a customized telephone.
9. (original) The method of claim 6 wherein the call to the network service provider is made via PSTN.
10. (original) The method of claim 6 wherein the call to the network service provider is made via a local area network.
11. (currently amended) A network phone, comprising:
 - a phone connector operable to connect to a public switched telephone network;
 - a transmitter operable to transmit signals corresponding to a phone number for a call destination and a call identifier;
 - a detector operable to receive an incoming call from another station and detect supplementary signals associated with that call;
 - a processor operable to:
 - transmit a rejection signal to the other station;
 - place a public switched telephone network call to a service provider in response to the supplementary signals;
 - detect a network address for the other station; and

complete a network call between the network phone and the other station.

12. (original) The network phone of claim 11, wherein the network phone is a personal computer.

13. (original) The network phone of claim 11, wherein the network phone is a customized telephone.

14. (currently amended) A computer-readable medium containing software code that, when executed, results in:

receiving a public switched telephone network call from an origination phone at a destination phone;

identifying a caller identifier for the public switched telephone network call at the destination phone;

rejecting the public switched transmission call prior to call completion, by transmission of a rejection signal to the origination phone;

placing a call to a network service provider from the destination phone;

determining a network address for the origination phone; and

completing a network call with the origination phone.

15. (previously presented) The computer-readable medium of claim 14 wherein the software code is executed by a personal computer equipped to place public switched telephone network calls.

16. (original) The computer-readable medium of claim 14 wherein the software code is executed by a customized telephone.

17. (currently amended) A computer-readable medium containing software code that, when executed, results in:

placing a public switched telephone network call from an origination phone to a destination phone;

detecting a rejected call from the destination phone at the origination phone prior to call completion by detecting a rejection signal from the origination phone;

placing a call to a network service provider from the origination phone;

determining a network address for the destination phone; and

completing a network call with the destination phone.

18. (previously presented) The computer-readable medium of claim 17 wherein the software code is executed by a personal computer equipped to place public switched telephone network calls.

19. (original) The computer-readable medium of claim 17 wherein the software code is executed by a customized telephone.

20. (currently amended) A network phone, comprising:

a means for connecting to a public switched telephone network;

a means for transmitting signals corresponding to a phone number for a call destination and a call identifier;

a means for receiving an incoming call from another station and detect supplementary signals associated with that call;

a means for transmitting a rejection signal to the other station;

a means for placing a public switched telephone network call to a service provider in response to the supplementary signals;

a means for detecting a network address for the other station; and

a means for completing a network call between the network phone and the other station.